

MEMORANDUM

DATE: 9-25-61

SUBJECT: INS FACILITY

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A Government-owned facility for carrying out fundamental research in microwave techniques will be established at INS. Information Fidelity Incorporated, a Nevada Corporation, with offices at 221 West Charleston Blvd., Las Vegas, Nevada, has been designated the prime contract for establishing and operating the facility, as well as carrying out a research program threat. The applicable contract number is AF33(600)43450.

The facility itself will comprise a shop and equipment building not designated by number on the INS facility plan but located across the road from building T-125, and a control facility located one-half mile north of the shop and equipment building. On the north side of the equipment building, and contiguous to it, a 50' tower will be erected for supporting such transmitting and receiving antennas as may be required for the research program. At the control building, an inflatable support structure will be provided. This structure can be readily raised or lowered. In its raised position, it will extend about 20' above ground. When not in actual use for research purposes, this support will normally be maintained in its lowered position below grade.

Normally, working hours at this research facility will be from 8:00 a.m. to 4:00 p.m., Monday through Friday. Occasionally, work will be carried out over weekends. During regular working periods, it is not expected that more than 10 people will be engaged in activities at the facility. It is not planned to have any briefings or large groups assembled at the facility for demonstration purposes or the like.

The facility itself is unclassified, however, the results of the research may be classified. It is not planned therefore to post a 24-hour guard at either the equipment or control building, nor is it planned to keep classified information resulting from the research at the site; any classified information which may evolve during a particular day will normally be transported to Las Vegas for safe storage over night. Nevertheless, it is planned that at least one member of the contractors staff will sleep at the equipment building and thus will be in a position to protect such classified materials as may, on rare occasions, be retained at the site over night. In addition, it is planned to provide an alarm-protected

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room in which classified materials could be stored over night; the alarm system being connected to the base security headquarters. It is anticipated that property and equipment protection will be adequately provided by the base roving security patrol.

It is planned that the facility, in its operations, will be substantially self-supporting; however, it is hoped that normal base support services will be available, e.g., in maintaining power, water, and other utilities, or very occasionally for heavy moving assistance, etc.

No special communications support appears to be required; however, it is planned to bring at least one telephone line directly to the equipment building, rather than through the INS board.

As noted above, the number of people involved in the research operation will be relatively small. It is anticipated that they will be provided with appropriate base identifications and authorizations to be on the base, and that they will be permitted to use the mess hall facilities, paying the applicable charges for meals and other food services provided. From the normal working hours, it is apparent that in most cases only breakfast and luncheon meals will be required.

Arrangement for the transportation of contract personnel from Las Vegas to INS will be made by the contractor. A decision has not been reached as yet as to whether Government-furnished vehicles or contractor-furnished vehicles will be used. In either event, it is not expected that the base motor pool will be called upon to provide this transportation. However, it is hoped that motor pool support will be available for occasional on-base needs and that the base vehicle maintenance capabilities could be drawn upon if Government-furnished vehicles are used for the transportation of contractor personnel to and from Las Vegas.

Only a relatively small amount of construction activity will be involved in establishing the research facility. In brief, this activity will include rehabilitation of the existing building and installation and connection of an appropriate transformer bank at the south side of the building within the existing fenced enclosure established for the purpose. It will also include additional excavation at the control building site and moving a 10' x 20' transportable building into the excavation. Construction activity will also include a certain amount of grading at the control building site to provide adequate drainage and surface water control. Lastly, construction will include the erection

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of the 50' tower at the equipment building location. It is presently planned to have the construction work performed under a sub-contract let by the prime contractor, I.F.I., and that the base Commander should have the cognizance and control which are normal under such arrangement.

Present schedules call for the delivery of furniture and basic equipment for the research facility to begin during the week of September 25. The research facility is expected to be fully operational by early December.

At I.F.I., is supervising the technical aspects of the establishment of the facility and Mr. Herbert Miller will assist him in connection with construction activities at the base. They may be reached at I.F.I. office in Las Vegas, telephone EV 5-1329.

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